

Dräger Medical, Inc.



PRODUCT BULLETIN

Product(s):	Narkomed 6000 Series Anesthesia Workstation
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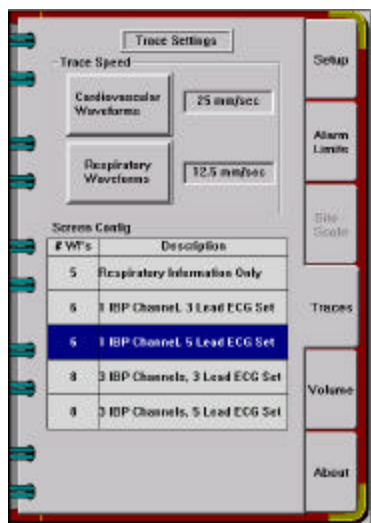
Narkomed 6000 Series Anesthesia Workstation software version 2.06 has been released and is now standard on all new production machines. Software version 2.06 will be downloaded onto all existing Narkomed 6000 Anesthesia workstations. A rework plan will be initiated soon. The following changes are to occur in software version 2.06.

1. The NM6000 will place the IRIA Gas Analyzer in a Standby Mode when the Main Switch is set to Standby.
 - 1.1. This will increase the in-service life of the IRIA gas bench.
2. The NM6000 software 2.06 will modify the control of the CO2 alarm bell.
 - 2.1. CO2 alarms will not be suspended when the Alarms Suspend key is pressed.
 - 2.2. CO2 alarms will initially be set to STANDBY when switching to Manual Spontaneous ventilation.
3. A VENT FAILURE message will only appear when a ventilator has experienced an unrecoverable event.
 - 3.1. Prior to this a VENT FAILURE message could occur even if the Divan had automatically recovered.
4. The Narkomed 6000 software will indicate when the DIVAN has reached its compliance compensation limitation.
 - 4.1. When the DIVAN compliance compensation reaches its limits, a dialog box will inform the user and suggest several options.
5. The default agent high alarm limit for Desflurane has been changed to 9%.
6. The default agent high alarm limit for Sevoflurane has been changed to 6%.
7. Integrated Patient Monitor alarms associated with invasive blood pressure disconnects and errors and Temperature disconnects and errors will be cleared after a period of 5 minutes.

- 7.1. This eliminates the nuisance of having the alarm box present for a prolonged period of time.
8. The NM6000 Integrated Patient Monitor will provide screen configurations to support both 5 leadwire and 3 leadwire ECG measurement.
9. The Narkomed 6000 Integrated patient monitor will have the ability to sense the presence of a 3 leadwire or 5 leadwire block.
 - 9.1. Help messaging will appear to guide the operator to the proper screen configuration.
10. The NM6000 will now provide a means to select and reconfigure the user display to any one of five predefined screen configurations without cycling of the Main Switch. (datalog and trend will be cleared when a screen configuration change is initiated).

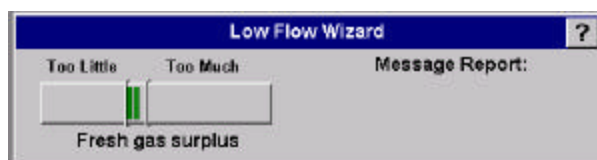
System Setup Notebook - Traces Page

1. The System Setup Notebook – Traces page will contain a list of available screen configuration choices with a brief description of each. Refer to Figure below:
 - 1.1. Five Waveforms – Respiratory Information Only
 - 1.2. Six Waveforms – 1 IBP Channel, 5 Lead ECG Set
 - 1.3. Six Waveforms – 1 IBP Channel, 3 Lead ECG Set
 - 1.4. Eight Waveforms – 3 IBP Channels, 5 Lead ECG Set
 - 1.5. Eight Waveforms – 3 IBP Channels, 3 Lead ECG Set



11. The Integrated Patient monitor's NIBP numeric Box has been moved to bottom right corner of the display.
 - 11.1. Customers have requested a vertical scan of all vital numerics.

12. The NIBP function keys and numerics have been enlarged, the function keys will be highlighted for 3 seconds after being selected.
13. The NM6000 will display an indication in each IBP Numeric Box whenever a transducer zero is required for that channel.
14. The NM6000 will remove Cardiac Output measurements from the C.O. Notebook page and the Datalog when the reject key is pressed.
15. The Low Flow Wizard display will change, see the following:
 1. The Low Flow Wizard will display a status message when the ventilator I:E ratio setting is adjusted outside the range of 1:3.0 to 2.0:1
 - 1.1. The error message will consist of the following text: "Not active at this I:E setting".
 2. The Low Flow Wizard bargraph scale will be modified as follows:
 - 2.1. The leftmost range of the scale will be labeled "Too little"
 - 2.2. The rightmost range of the scale will be labeled: "Too much".
 - 2.3. The target is between the two lines.



3. The Low Flow Wizard will display the following help text when the question mark button is pressed:

Fresh gas surplus indicates the potential for wasted gases and agents by measuring scavenger flow. This tool should not be used when higher flows are required for making rapid changes to the concentration of gases in the circuit.

WIZARD INDICATION	RECOMMENDED ACTION
Too Little	Increase gas flow to avoid depletion of oxygen in the circuit.
Too Much	Decrease gas flow to minimize waste.

Please Note: Due to the change of functionality with ECG in the Narkomed 6000 Integrated patient monitor, it will be necessary to specify a start-up accessories kit for each new order. There are 4 choices:

<u>Part number</u>	<u>Description</u>	<u>When used</u>
4113452-001	Start-up Accessories kit 5 leadwire set AHA	In USA or Canada when 5 leadwire operation and AHA color code is preferred.
4113452-002	Start-up Accessories Kit 5 leadwire set IEC	In Canada when 5 leadwire operation and IEC color code is preferred.
4113452-005	Start-up Accessories Kit 3 leadwire set IEC	In Canada when 3 leadwire operation and IEC color code is preferred.
4113452-006	Start-up Accessories Kit 3 leadwire set AHA	In USA or Canada when 3 leadwire operation and AHA color code is preferred.

(AHA color codes have been associated with the USA market and IEC color codes have been associated with international markets)

Please reference Product Bulletin #123 for more details on ECG leadwire sets. If there are any questions, please contact John Gotzon at ext. 2619 or at gotzonj@draegermed.com.